

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|----------------------|------------------|---------|---------------------|
| L1    | 1196 | (electro\$1luminescen\$2 or OLED or PLED or light (emitt\$8 or emiss\$8) (device or display or diode)) and (hole or electron or charge) near2 (inject\$8 or transport\$8 or transmit\$8) and (ink\$1jet\$8 or ink jet\$8) with vacuum         | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/12/23<br>14:00 |
| L2    | 84   | 1 not vacuum (vapor or deposit\$8 or evaporat\$8)   | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/12/23<br>14:03 |
| L3    | 6    | ((("20030162314") or ("20040061118") or ("20040123804")).PN.  | US-PGPUB;<br>DERWENT | OR               | OFF     | 2009/12/23<br>14:07 |
| L4    | 3    | (electro\$1luminescen\$2 or OLED or PLED or light (emitt\$8 or emiss\$8) (device or display or diode)) and (ink\$1jet\$8 or ink jet\$8) same vacuum   | EPO; JPO             | ADJ              | ON      | 2009/12/23<br>14:08 |
| L6    | 1420 | 427/66.ccls.  | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/12/23<br>14:27 |
| L7    | 588  | 427/427.4.ccls.   | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/12/23<br>14:28 |
| S1    | 1    | ("20050101064").PN.   | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/11/19<br>13:38 |
| S2    | 1608 | (electro\$1luminescen\$2 or OLED or PLED or light (emitt\$8 or emiss\$8) (device or display or diode)) and (ink\$1jet\$8 or ink jet\$8) with (vacuum or atmospher\$3)   | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/11/19<br>13:45 |
| S3    | 1278 | (electro\$1luminescen\$2 or OLED or PLED or light (emitt\$8 or emiss\$8) (device or display or diode)) and (ink\$1jet\$8 or ink jet\$8) with (vacuum or atmospher\$3) and (hole or electron) near2 (inject\$8 or transport\$8 or transmit\$8) | US-PGPUB;<br>USPAT   | ADJ              | ON      | 2009/11/19<br>13:45 |

|    |     |  |                      |     |     |                     |
|----|-----|--|----------------------|-----|-----|---------------------|
| S4 | 450 | (electro\$1luminescent\$2 or OLED or PLED or light (emitt\$8 or emiss\$8) (device or display or diode)) and (ink\$1jet\$8 or ink jet\$8) with (vacuum or (less or under or below) with atmospher\$3 or reduced pressure) and (hole or electron) near2 (inject\$8 or transport\$8 or transmit\$8) not (ink\$1jet\$8 or ink jet\$8) with vacuum near (deposit\$8 or vapor or CVD or PVD or PECVD)              | US-PGPUB;<br>USPAT   | ADJ | ON  | 2009/11/19<br>14:02 |
| S5 | 181 | (electro\$1luminescent\$2 or OLED or PLED or light (emitt\$8 or emiss\$8) (device or display or diode)) and (ink\$1jet\$8 or ink jet\$8) with (vacuum or (less or under or below) with atmospher\$3 or reduced pressure) and (hole or electron) near2 (inject\$8 or transport\$8 or transmit\$8) not (ink\$1jet\$8 or ink jet\$8) with vacuum near (deposit\$8 or \$1vapor\$8 or CVD or PVD or PECVD)        | US-PGPUB;<br>USPAT   | ADJ | ON  | 2009/11/19<br>14:04 |
| S6 | 2   | ("20030180457").PN.  | US-PGPUB;<br>DERWENT | OR  | OFF | 2009/11/19<br>14:12 |
| S7 | 417 | (electro\$1luminescent\$2 or OLED or PLED or light (emitt\$8 or emiss\$8) (device or display or diode)) and (ink\$1jet\$8 or ink jet\$8) same (vacuum or (less or under or below) with atmospher\$3 or reduced pressure) and (hole or electron) near2 (inject\$8 or transport\$8 or transmit\$8) not (ink\$1jet\$8 or ink jet\$8) same vacuum near (deposit\$8 or \$1vapor\$8 or CVD or PVD or PECVD) not S5 | US-PGPUB;<br>USPAT   | ADJ | ON  | 2009/11/19<br>14:14 |
| S8 | 1   | ("20020075422").PN.  | US-PGPUB;<br>USPAT   | OR  | OFF | 2009/11/19<br>14:53 |

|     |     |   |                    |     |     |                     |
|-----|-----|---|--------------------|-----|-----|---------------------|
| S9  | 1   | ("20010001050").PN.   | US-PGPUB;<br>USPAT | OR  | OFF | 2009/11/19<br>14:55 |
| S10 | 1   | ("6830494").PN.   | US-PGPUB;<br>USPAT | OR  | OFF | 2009/11/19<br>14:56 |
| S11 | 28  | (electro\$1luminescen\$2 or<br>OLED or PLED or light<br>(emitt\$8 or emiss\$8)<br>(device or display or<br>diode)) and (hole or<br>electron or charge) near2<br>(inject\$8 or transport\$8 or<br>transmit\$8) and (ink\$1jet<br>\$8 or ink jet\$8) same<br>inert same (Pa or pascal<br>or atm or bar or torr) | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/12/22<br>17:32 |
| S12 | 56  | (electro\$1luminescen\$2 or<br>OLED or PLED or light<br>(emitt\$8 or emiss\$8)<br>(device or display or<br>diode)) and (hole or<br>electron or charge) near2<br>(inject\$8 or transport\$8 or<br>transmit\$8) and (ink\$1jet<br>\$8 or ink jet\$8) same<br>inert same pressure                                | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/12/22<br>17:37 |
| S13 | 129 | (electro\$1luminescen\$2 or<br>OLED or PLED or light<br>(emitt\$8 or emiss\$8)<br>(device or display or<br>diode)) and (hole or<br>electron or charge) near2<br>(inject\$8 or transport\$8 or<br>transmit\$8) and (ink\$1jet<br>\$8 or ink jet\$8) same<br>reduced pressure                                   | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/12/22<br>17:44 |
| S14 | 121 | (ink\$1jet\$8 or ink jet\$8)<br>same inert same pressure  | US-PGPUB;<br>USPAT | ADJ | ON  | 2009/12/23<br>11:24 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query                                | DBs            | Default<br>Operator | Plurals | Time Stamp       |
|-------|------|---|----------------|---------------------|---------|------------------|
| L8    | 633  | 427/66.ccls.                                | USPAT;<br>UPAD | ADJ                 | ON      | 2009/12/23 14:28 |
| L9    | 396  | 427/427.4.ccls.                             | USPAT;<br>UPAD | ADJ                 | ON      | 2009/12/23 14:28 |
| L10   | 642  | (8 or 9) and (below or<br>down or downward) | USPAT;<br>UPAD | ADJ                 | ON      | 2009/12/23 14:28 |

|     |      |  |                |     |    |                  |
|-----|------|--|----------------|-----|----|------------------|
| L11 | 70   | (8 or 9) and (below or down or downward).<br>clm.  | USPAT;<br>UPAD | ADJ | ON | 2009/12/23 14:28 |
| L12 | 31   | 11 and (emitt\$8 or emiss\$8 or luminescen\$2 or electro\$1luminescen\$2 or OLED or PLED or light).<br>clm.                                      | USPAT;<br>UPAD | ADJ | ON | 2009/12/23 14:29 |
| L13 | 1107 | 427/294.ccls.  | USPAT;<br>UPAD | ADJ | ON | 2009/12/23 14:35 |
| L14 | 82   | 13 and (below or down or downward) and (emitt\$8 or emiss\$8 or luminescen\$2 or electro\$1luminescen\$2 or OLED or PLED or light).<br>clm.      | USPAT;<br>UPAD | ADJ | ON | 2009/12/23 14:36 |
| L15 | 14   | 13 and (below or down or downward).clm. and (emitt\$8 or emiss\$8 or luminescen\$2 or electro\$1luminescen\$2 or OLED or PLED or light).<br>clm. | USPAT;<br>UPAD | ADJ | ON | 2009/12/23 14:36 |

12/ 23/ 2009 2:37:46 PM

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